

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION
(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 22 June 2001 (22.06.01)	To:
International application No. PCT/EP00/09292	Applicant's or agent's file reference PG4159/PCT
International filing date (day/month/year) 22 September 2000 (22.09.00)	Priority date (day/month/year) 01 October 1999 (01.10.99)
Applicant ANDERSON, Gregor, John, McLennan et al	

1. The designated Office is hereby notified of its election made:

in the demand filed with the International Preliminary Examining Authority on:
06 April 2001 (06.04.01)

in a notice effecting later election filed with the International Bureau on:

2. The election was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Olivia TEFY Telephone No.: (41-22) 338.83.38
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PCT
REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired) (12 characters maximum) PG4159/ PCT

Box No. I TITLE OF INVENTION

Patient data monitoring system

Box No. II APPLICANT

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below).

Glaxo Group Limited
Glaxo Wellcome House
Berkeley Avenue
Greenford, Middlesex
UB6 0NN
GB

This person is also inventor.

Telephone No. 020 7493 4060

Facsimile No. 020 8966 8838

Teleprinter No. 25456

State (i.e. country) of nationality:
GB

State (i.e. country) of residence:
GB

This person is applicant all designated all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANTS AND/OR (FURTHER) INVENTORS

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below)

ANDERSON, Gregor John McLennan
Glaxo Wellcome plc.
Park Road
Ware, Herts.
SG12 ODP
GB

This person is:

applicant only

applicant and inventor

inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:
GB

State (i.e. country) of residence:
GB

This person is applicant all designated all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box

Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: agent common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country).

PIKE, Christopher Gerard
Pike & Co.,
Hayes Loft, 68A Hayes Place
Marlow, Buckinghamshire
SL7 2BT, GB

Telephone No.: 01628-471869

Facsimile No.: 01628-471878

Teleprinter No.:

Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Continuation of Box No. III FURTHER APPLICANTS AND/OR (FURTHER) INVENTORS

If none of the following sub-boxes is used, this sheet is not to be included in the request.

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

BONNEY, Stanley George
 Glaxo Wellcome plc.
 Park Road
 Ware, Herts.
 SG12 ODP
 GB

This person is:

applicant only
 applicant and inventor
 inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

GB

State (i.e. country) of residence:

GB

This person is applicant all designated all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box for the purposes of: States

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

JONES, Anthony Patrick
 Glaxo Wellcome plc.
 Park Road
 Ware, Herts.
 SG12 ODP
 GB

This person is:

applicant only
 applicant and inventor
 inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

GB

State (i.e. country) of residence:

GB

This person is applicant all designated all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box for the purposes of: States

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

ROBERTSON, Duncan
 Glaxo Wellcome plc.
 Park Road
 Ware, Herts.
 SG12 ODP
 GB

This person is:

applicant only
 applicant and inventor
 inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

State (i.e. country) of residence:

This person is applicant all designated all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box for the purposes of: States

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

applicant only
 applicant and inventor
 inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

State (i.e. country) of residence:

This person is applicant all designated all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box for the purposes of: States

Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. V DESIGNATION OF STATES

The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):

Regional Patent

AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT.

EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT

EP European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT

OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line).....

National Patent (if other kind of protection or treatment desired, specify on dotted line):

<input checked="" type="checkbox"/> AE United Arab Emirates	<input checked="" type="checkbox"/> LR Liberia
<input checked="" type="checkbox"/> AL Albania.....	<input checked="" type="checkbox"/> LS Lesotho.....
<input checked="" type="checkbox"/> AM Armenia.....	<input checked="" type="checkbox"/> LT Lithuania
<input checked="" type="checkbox"/> AT Austria.....	<input checked="" type="checkbox"/> LU Luxembourg
<input checked="" type="checkbox"/> AU Australia.....	<input checked="" type="checkbox"/> LV Latvia
<input checked="" type="checkbox"/> AZ Azerbaijan	<input checked="" type="checkbox"/> MA Morocco.....
<input checked="" type="checkbox"/> BA Bosnia and Herzegovina	<input checked="" type="checkbox"/> MD Republic of Moldova.....
<input checked="" type="checkbox"/> BB Barbados	<input checked="" type="checkbox"/> MG Madagascar.....
<input checked="" type="checkbox"/> BG Bulgaria.....	<input checked="" type="checkbox"/> MK The former Yugoslav Republic of Macedonia
<input checked="" type="checkbox"/> BR Brazil.....	<input checked="" type="checkbox"/> MN Mongolia
<input checked="" type="checkbox"/> BY Belarus.....	<input checked="" type="checkbox"/> MW Malawi.....
<input checked="" type="checkbox"/> CA Canada	<input checked="" type="checkbox"/> MX Mexico.....
<input checked="" type="checkbox"/> CH and LI Switzerland and Liechtenstein	<input checked="" type="checkbox"/> NO Norway
<input checked="" type="checkbox"/> CN China.....	<input checked="" type="checkbox"/> NZ New Zealand.....
<input checked="" type="checkbox"/> CR Costa Rica.....	<input checked="" type="checkbox"/> PL Poland.....
<input checked="" type="checkbox"/> CU Cuba.....	<input checked="" type="checkbox"/> PT Portugal.....
<input checked="" type="checkbox"/> CZ Czech Republic.....	<input checked="" type="checkbox"/> RO Romania
<input checked="" type="checkbox"/> DE Germany.....	<input checked="" type="checkbox"/> RU Russian Federation.....
<input checked="" type="checkbox"/> DK Denmark.....	<input checked="" type="checkbox"/> SD Sudan
<input checked="" type="checkbox"/> DM Dominica.....	<input checked="" type="checkbox"/> SE Sweden
<input checked="" type="checkbox"/> EE Estonia.....	<input checked="" type="checkbox"/> SG Singapore
<input checked="" type="checkbox"/> ES Spain.....	<input checked="" type="checkbox"/> SI Slovenia.....
<input checked="" type="checkbox"/> FI Finland.....	<input checked="" type="checkbox"/> SK Slovakia.....
<input checked="" type="checkbox"/> GB United Kingdom	<input checked="" type="checkbox"/> SL Sierra Leone
<input checked="" type="checkbox"/> GD Grenada	<input checked="" type="checkbox"/> TJ Tajikistan.....
<input checked="" type="checkbox"/> GE Georgia.....	<input checked="" type="checkbox"/> TM Turkmenistan.....
<input checked="" type="checkbox"/> GH Ghana.....	<input checked="" type="checkbox"/> TR Turkey.....
<input checked="" type="checkbox"/> GM Gambia	<input checked="" type="checkbox"/> TT Trinidad and Tobago.....
<input checked="" type="checkbox"/> HR Croatia	<input checked="" type="checkbox"/> TZ United Republic of Tanzania
<input checked="" type="checkbox"/> HU Hungary.....	<input checked="" type="checkbox"/> UA Ukraine.....
<input checked="" type="checkbox"/> ID Indonesia	<input checked="" type="checkbox"/> UG Uganda.....
<input checked="" type="checkbox"/> IL Israel.....	<input checked="" type="checkbox"/> US United States of America
<input checked="" type="checkbox"/> IN India.....	<input checked="" type="checkbox"/> UZ Uzbekistan.....
<input checked="" type="checkbox"/> IS Iceland	<input checked="" type="checkbox"/> VN Viet Nam.....
<input checked="" type="checkbox"/> JP Japan.....	<input checked="" type="checkbox"/> YU Yugoslavia.....
<input checked="" type="checkbox"/> KE Kenya.....	<input checked="" type="checkbox"/> ZA South Africa
<input checked="" type="checkbox"/> KG Kyrgyzstan.....	<input checked="" type="checkbox"/> ZW Zimbabwe
<input checked="" type="checkbox"/> KP Democratic People's Republic of Korea.....	
<input checked="" type="checkbox"/> KR Republic of Korea.....	
<input checked="" type="checkbox"/> KZ Kazakhstan.....	
<input checked="" type="checkbox"/> LC Saint Lucia	
<input checked="" type="checkbox"/> LK Sri Lanka	

Check-boxes reserved for designating States (for the purposes of a national patent) which have become party to the PCT after issuance of this sheet:

AG Antigua and Barbuda
 BZ Belize
 DZ Algeria
 MZ Mozambique

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.)

Box No. VI PRIORITY CLAIM		<input type="checkbox"/> Further priority claims are indicated in the Supplemental Box Where earlier application is		
Filing Date of Earlier Application (day/month/year)	Number of earlier application	national application: country	regional application: * regional Office	international application: receiving Office
item (1) (01.10.99) 1 October 1999	9923273.8	GB		
item (2) (09.05.00) 9 May 2000	0011029.6	GB		
item (3) (22.08.00) 22 August 2000	0020541.9	GB		

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as item(s):

* Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(iii)). See Supplemental Box.

Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): ISA/	Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority): Date (day/month/year) Number Country (or regional office)
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Box. VIII CHECK LIST; LANGUAGE OF FILING

This international application contains the following number of sheets: request : 4 description (excluding sequence listing part) : 30 claims : 12 abstract : 1 drawings : 8 sequence listing part of description : Total number of sheets : 55	This international application is accompanied by the item(s) marked below: 1. <input checked="" type="checkbox"/> fee calculation sheet 2. <input checked="" type="checkbox"/> separate signed power of attorney (1) 3. <input checked="" type="checkbox"/> copy of general power of attorney; reference number, if any: 4. <input type="checkbox"/> statement explaining lack of signature 5. <input checked="" type="checkbox"/> priority documents (3) identified in Box No. VI as item(s): 1,2,3 6. <input type="checkbox"/> translation of international application into (language): 7. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material 8. <input type="checkbox"/> nucleotide and/or amino acid sequence listing in computer readable form 9. <input type="checkbox"/> other (specify):
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Figure of the drawings which
should accompany the abstract: None

Language of filing of the
international application: English

Box No. IX SIGNATURE OF APPLICANT OR AGENT

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

Christopher Gerard Pike
Agent for the Applicants

For receiving Office use only			
1. Date of actual receipt of the purported international application			
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:			
4. Date of timely receipt of the required corrections under PCT Article 11(2):			
5. International Searching Authority specified by the applicant: ISA/	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid		

Date of receipt of the record copy
by the International Bureau

For International Bureau use only

PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY EXAMINATION REPORT
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PG4159/PCT	FOR FURTHER ACTION		See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No. PCT/EP00/09292	International filing date (day/month/year) 22/09/2000	Priority date (day/month/year) 01/10/1999	
International Patent Classification (IPC) or national classification and IPC G06F19/00			
Applicant GLAXO GROUP LIMITED			

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 6 sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of sheets.</p>
<p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input checked="" type="checkbox"/> Certain defects in the international application VIII <input checked="" type="checkbox"/> Certain observations on the international application

Date of submission of the demand 06/04/2001	Date of completion of this report 30.10.2001
Name and mailing address of the international preliminary examining authority: European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer  Barraco, G Telephone No. +49 89 2399 2172

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/09292

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

Description, pages:

1-30 as published

Claims, No.:

1-77 as published

Drawings, sheets:

1/8-8/8 as published

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- the language of publication of the international application (under Rule 48.3(b)).
- the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- the description, pages:
- the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/09292

the drawings, sheets:

5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N) Yes: Claims 1-77
 No: Claims

Inventive step (IS) Yes: Claims
 No: Claims 1-77

Industrial applicability (IA) Yes: Claims 1-77
 No: Claims

2. Citations and explanations
see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:
see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/EP00/09292

Re Item V

**Reasoned statement under Article 35(2) with regard to novelty, inventive step or
industrial applicability; citations and explanations supporting such statement**

1. Reference is made to the following documents :

D1: US-A-5 924 074

D2: EP-A-0 884 670

The various definitions of the invention given in independent Claims 1, 62, 72, 74, 76 and 77 are such that the claims as a whole are not clear and concise, contrary to Article 6 PCT. The claims should be recast to include only the minimum necessary number of independent claims in any one category, with dependent claims as appropriate (Rule 6.4(a)-(c) PCT).

In the present case it is considered appropriate to use only one independent claim in any category, with dependencies of claims clearly defined, see in this regard also Rule 6.4 PCT.

The various features of the independent claims and their distributions, are so different that doubts remain for the reader on which are the features essential for the performance of the system/method for which protection will be sought.

In particular, the separate independent claiming of the system as a whole and the network computer system for use with the system as a whole and the corresponding methods appears not appropriate and "unconcise" in the present case.

Furthermore, insofar as the present text can be understood, the subject-matter of above independent Claims does not involve an inventive step, and therefore does not satisfy the criterion set forth in Article 33(3) PCT.

The subject-matter of independent claims appears to be directed to a system/method for collecting maintaining and retrieving medical data adopting the technique

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/EP00/09292

maintaining in separate databases the patient data (and patient identifiers) and the conditions data (with medications and practice guidelines), and then allowing only authorized accesses to the databases, via network entry points.

It is noted that this technique is already known in the art and is disclosed for example in the electronic medical records system known from D1, cf. D1 : Abstract and from column 2, line 21 to column 3, line 42 and figures 1, 4, 13,14, 24 with related corresponding explaining text.

Therefore a clarified independent claim defining an implementation of this known technique is at least not inventive and does not satisfy the criterion set forth in Art. 33(3) PCT.

It is furthermore noted that a claim defining said implementation and evidencing as characterizing feature the selective access and selective authorization (i.e. defining different levels of security level to be applied for accessing the databases) is also considered not inventive, being the authorized access of the databases by different types of users (physician, nurses, healthcare providers etc.) suggested in various passages of D1, cf. for example, in particular, D1: II. SUMMARY on column 14.

Dependent claims do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of inventive step being considered obvious operational features of a system as the one known from D1.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/EP00/09292

Re Item VII

Certain defects in the international application

2. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1 as well as D2, which also discloses an analogous medical database maintenance system/method, are not mentioned in the description, nor are these documents identified therein.

Re Item VIII

Certain observations on the international application

3. Over the unclarities objected, as per point 1. above, it is noted that reference signs in parentheses are not inserted in the claims to increase their intelligibility, Rule 6.2(B) PCT.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
12 April 2001 (12.04.2001)

PCT

(10) International Publication Number
WO 01/26020 A1

(51) International Patent Classification⁷: G06F 19/00, 1/00

plc., Park Road, Ware, Herts. SG12 0DP (GB). BONNEY, Stanley, George [GB/GB]; Glaxo Wellcome plc., Park Road, Ware, Herts. SG12 0DP (GB). JONES, Anthony, Patrick [GB/GB]; Glaxo Wellcome plc., Park Road, Ware, Herts. SG12 0DP (GB). ROBERTSON, Duncan [—/GB]; Glaxo Wellcome plc., Park Road, Ware, Herts. SG12 0DP (GB).

(21) International Application Number: PCT/EP00/09292

(74) Agent: PIKE, Christopher, Gerard; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (GB).

(22) International Filing Date:
22 September 2000 (22.09.2000)

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(25) Filing Language: English

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,

(26) Publication Language: English

[Continued on next page]

(30) Priority Data:

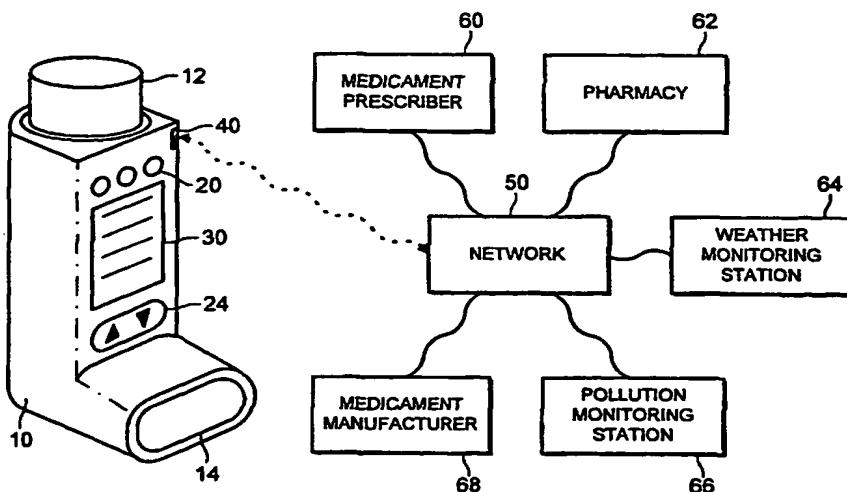
9923273.8 1 October 1999 (01.10.1999) GB
0011029.6 9 May 2000 (09.05.2000) GB
0020541.9 22 August 2000 (22.08.2000) GB

(71) Applicant (for all designated States except US): GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ANDERSON, Gregor, John, McLennan [GB/GB]; Glaxo Wellcome

(54) Title: PATIENT DATA MONITORING SYSTEM



WO 01/26020 A1

(57) Abstract: There is provided a system for collecting and providing selective access to medical data relevant to plural patients having related medical conditions. The system comprises a network computer system (50) and associated with the network computer system (50) a first patient-specific database and a second condition-specific database. Remote from the network computer system (50) there are provided plural patient electronic data collectors (10), each for collecting patient data relevant to a particular patient's medical condition. Associated with each patient electronic data collector (10), there is a communicator (40) for communicating with an entrypoint to the network computer system (50) to enable transfer of said patient data to the first patient-specific database and to the second condition-specific database. The system includes a first secure access gateway permitting access to the first patient-specific database in response to a first user authorisation command and a second secure access gateway permitting access to the second condition-specific database in response to a second user authorisation command.



IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *With international search report.*

INTERNATIONAL SEARCH REPORT

Inter. Application No
PCT/EP 00/09292

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F19/00 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 924 074 A (EVANS JAE A) 13 July 1999 (1999-07-13)	1-7, 9-11, 14-26, 28, 32-43, 46,47, 50, 62-70, 72-77 8,27, 29-31, 44,45, 48,49,71
A	column 4, line 64 -column 15, line 67 figures 1,4,13,14,24 --- -/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

10 January 2001

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INTERNATIONAL SEARCH REPORT

Inten Application No
PCT/EP 00/09292

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